

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION**

ORDER NO. R7-2002-0007

**WASTE DISCHARGE REQUIREMENTS
FOR
UNITED STATES DEPARTMENT OF THE INTERIOR,
BUREAU OF LAND MANAGEMENT, OWNER/OPERATOR
SENATOR WASH RECREATION AREA
SEPTIC TANK/OXIDATION-EVAPORATION BASIN DISPOSAL FACILITIES
Northwest of Imperial Dam - Imperial County**

The California Regional Water Quality Control Board, Colorado River Basin Region, finds that:

1. Bureau of Land Management, 2555 Gila Ridge Road, Yuma, AZ 85365 (hereinafter referred to as the discharger), submitted an updated Report of Waste Discharge (ROWD) to the California Regional Water Quality Control Board, Colorado River Basin Region (Regional Board), dated July 10, 2001, for a change in the method of disposal of domestic sewage.
2. The discharge site is located in the NE $\frac{1}{4}$ of the SW $\frac{1}{4}$ of Section 6, T15S, R24E, SBB&M. The discharger is discharging a maximum daily flow of 12,500 gallons-per-day of domestic sewage from a recreational vehicle campground with 1,500 campsites, 14 restrooms and an RV dump station. The wastewater is discharged into nine (9) septic tanks and then pumped via lift stations into a 15,000-gallon aeration tank that flows into two (2) lined oxidation-evaporation basins.
3. There are no wells within 500 feet of the discharge facilities described in Finding No. 2, above. The water supply well for the park, which is located about 1,200 feet from the aeration tank, has a total dissolved solids (TDS) concentration of 724 mg/L and a depth-to-groundwater of about 135 feet.
4. The Water Quality Control Plan for the Colorado River Basin Region of California (Basin Plan) was adopted on November 17, 1993, and designates the beneficial uses of ground and surface waters in this Region.
5. The beneficial uses of ground water in the Colorado Hydrological Unit, are:
 - a. Municipal Supply (MUN)
 - b. Industrial Supply (IND)
 - c. Agricultural Supply (AGR)
6. The subsurface discharge facilities were subject to general waste discharge requirements (WDRs) in Board Order No. 97-500. However, this new Board Order is issued for a significant change in the method of wastewater disposal, and contains requirements that comply with the current laws and regulations as set forth in the California Water Code and the California Code of Regulations.

7. United States Department of the Interior (USDI), Bureau of Land Management (BLM) prepared an Environmental Assessment for the construction and operation of the wastewater lagoon treatment basins, and adopted a Finding of No Significant Impact (FONSI), EA-AZ-050-00-017 on March 30, 2000 to meet the provisions of the National Environmental Protection Act (NEPA) (42 U.S. C. & 4321 et. seq.). BLM supplemented the FONSI with an Environmental Checklist Form dated April 8, 2002. In accordance with the California Environmental Quality Act (CEQA) (Public Resources Code, Section 21000 et seq.) the Regional Board, acting as lead agency, adopted Board Order 07-2002-0007, and approved Mitigated Negative Declaration SCH No. 20022051027 on June 26, 2002.
8. There are no major faults in the discharge area. The disposal basins are situated about one (1) mile west of the Colorado River on a sandy alluvial floodplain where the soil is very permeable. The soils are a Laposa-Rock Outcrop complex that consists primarily of extreme gravelly loam and sand. The site is located in an area that has an annual precipitation of about five (5) inches and a total evaporation of about 70 inches.
9. The Board has notified the discharger and all known interested agencies and persons of its intent to update WDRs for this discharge and has provided them with an opportunity for a public meeting and an opportunity to submit comments.
10. There are no storm water discharges from this site. Therefore, a National Pollutant Discharge Elimination System (NPDES) Permit for storm water discharges is not necessary for this facility.
11. The monitoring and reporting requirements in Monitoring and Reporting Program No. R7-2002-0007 are necessary to determine compliance with the WDRs in Board Order No. R7-2002-0007.
12. The Board, in a public meeting, heard and considered all comments pertaining to this discharge.

IT IS HEREBY ORDERED, that Board Order No. 97-500 is no longer necessary for the discharge facilities and the Notification of Applicability, issued on September 24, 1997, for the facilities is terminated, and in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, the discharger shall comply with the following:

A. Specifications

1. The treatment or disposal of wastes at this facility shall not cause pollution or nuisance as defined in Sections 13050 (l) and 13050 (m) of Division 7 of the California Water Code.
2. No wastewater other than domestic wastewater shall be discharged into the sewage disposal system described in Finding No. 2, (above).
3. A minimum depth of freeboard of two (2) feet shall be maintained at all times in each evaporation basin.
4. Treated or untreated sludge, or similar solid waste materials, shall be disposed only at locations approved by the Regional Board's Executive Officer.
5. Public contact with un-disinfected wastewater shall be precluded through such means as fences, signs, or other acceptable alternatives.

6. Adequate measures shall be taken to assure that flood or surface drainage waters do not erode or otherwise render portions of the discharge facilities inoperable.
7. Disposal by ponding shall be conducted in such a manner that there shall be no stranded or exposed solids.
8. A surface aerobic environment shall be maintained in each basin.
9. Septic tank wastes shall be discharged only by a duly authorized service.
10. The septic system shall be maintained so that it remains effective in treating wastewater.

B. Prohibitions

1. The discharge of waste to land not owned or controlled by the discharger is prohibited.
2. There shall be no surface flow of wastewater away from the designated disposal areas.
3. There shall be no discharge, bypass, or flow of treated or untreated wastewater to surface waters.

C. Provisions

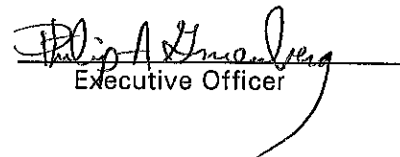
1. Facilities shall be available to keep the lift stations in operation in the event of commercial power failure.
2. The discharger shall comply with Monitoring and Reporting Program No. R7-2002-0007, and future revisions thereto, as specified by the Regional Board's Executive Officer.
3. Prior to any modifications in this facility, which would result in material change in the quality or quantity of wastewater treated or discharged, or any material change in the location of discharge, the discharger shall report all pertinent information in writing to the Regional Board and obtain revised requirements before any modifications are implemented.
4. Prior to any change in ownership or management of this operation, the discharger shall transmit a copy of this Board Order to the succeeding owner/operator, and forward a copy of the transmittal letter to the Regional Board.
5. This Board Order does not authorize violation of any federal, state, or local laws or regulations.
6. The discharger shall allow the Regional Board, or an authorized representative, upon presentation of credentials and other documents as may be required by law, to:
 - a. Enter upon the premises regulated by this Board Order, or the place where records must be kept under the conditions of this Board Order;
 - b. Have access to and copy, at reasonable times, any records that shall be kept under the conditions of this Board Order;
 - c. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Board Order; and

- d. Sample or monitor at reasonable times, for the purpose of assuring compliance with this Board Order or as otherwise authorized by the California Water Code, any substances or parameters at this location.
7. The discharger shall comply with all of the conditions of this Board Order. Any noncompliance with this Board Order constitutes a violation of the Porter-Cologne Water Quality Control Act and is grounds for enforcement action.
8. The discharger shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) that are installed or used by the discharger to achieve compliance with this Board Order.
9. All maintenance performed shall be reported with the monitoring reports as required.
10. The discharger shall furnish, under penalty of perjury, technical monitoring program reports, and such reports shall be submitted in accordance with the specifications prepared by the Regional Board's Executive Officer. Such specifications are subject to periodic revisions as may be warranted.
11. Ponds shall have sufficient capacity to accommodate allowable wastewater flow, design seasonal precipitation and ancillary inflow. Design seasonal precipitation shall be based on total annual precipitation using a return period of 100 years, distributed monthly in accordance with historical rainfall patterns.
12. Unless otherwise approved by the Regional Board's Executive Officer, all analyses shall be conducted at a laboratory certified for such analyses by the State Department of Health Services. All analyses shall be conducted in accordance with the latest edition of "Guidelines Establishing Test Procedures for Analysis of Pollutants", promulgated by the United States Environmental Protection Agency.
13. All regulated disposal systems shall be readily accessible for sampling and inspection.
14. The discharger shall provide an inventory of all hazardous materials that will be handled at the facility by need to change date.
15. The discharger is the responsible party for the WDRs and the monitoring and reporting program for the facility. The discharger shall comply with all conditions of these WDRs. Violations may result in enforcement actions, including Regional Board Orders or court orders, requiring corrective action or imposing civil monetary liability, or in modification or revocation of these WDRs by the Regional Board.
16. The discharger shall retain records of all monitoring information including all calibration and maintenance records, copies of all reports required by this Board Order, and records of all data used to complete the application for this Board Order. Records shall be maintained for a minimum of three (3) years from the date of the sample, measurement, or report. This period may be extended during the course of any unresolved litigation regarding this discharge or when requested by the Regional Board's Executive Officer.
17. All maintenance performed shall be reported with the monitoring reports as required.
18. The discharge shall not cause degradation of any beneficial use of surface or ground water.

19. The discharger shall obtain prior written approval from the Regional Board's Executive Officer specifying location and method of disposal, before disposing of treated or untreated sludge, or similar solid waste materials. In addition, the discharger shall provide the results of any sludge analyses as specified by the Regional Board's Executive Officer.
20. Any off-site disposal of septage shall be only to a legal point of disposal, with the approval of the legal disposal site operator. For purposes of these requirements, a legal disposal site is one (1) for which requirements have been established by the Regional Board and which is in full compliance therewith. Any septage handling shall be in such a manner as to prevent its reaching surface waters or watercourses.
21. The discharger shall report any noncompliance that may endanger health or the environment. Any such information shall be provided verbally to the Regional Board's Executive Officer within 24 hours from the time the discharger becomes aware of the circumstances. A written submittal shall also be provided within five (5) days of the time the discharger becomes aware of the circumstances. The written submittal shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times; and if the noncompliance has not been corrected, the anticipated time it is expected to continue and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance. The Regional Board's Executive Officer, or an unauthorized representative, may waive the written report on a case-by-case basis, if the oral report has been received within 24 hours.
22. This Board Order may be modified, revoked and reissued, or terminated for cause. The filing of a request by the discharger for a Board Order modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any Board Order condition. Causes for modification include the promulgation of new regulations, modification of land application plans, or modification in sludge use or disposal practices, or adoption of new regulations by the State Board or the Regional Board, including revisions to the Basin Plan.
23. The discharger shall remove and relocate any wastes that are discharged at this site in violation of these requirements.
24. The lift stations shall be readily accessible for sampling and inspection.
25. All employees of this facility shall receive training on how to minimize pollutant discharges to the septic systems. This instruction should include the following topics:
 - a. Proper disposal of materials handled at the facility.
 - b. Methods to wash tools and other objects so that no contaminants are introduced into the septic system.
 - c. Methods to wash hands so that no contaminants are introduced into the septic system.
26. The concentrations of volatile organic constituents in the discharged wastewater shall not exceed State Drinking Water Standards or Action Levels. Violation of said limits shall be reported immediately to the Regional Board. The discharger shall submit a cleanup proposal within two (2) weeks. The discharger shall initiate cleanup work immediately upon approval of the Regional Board's Executive Officer. Upon completion, the Regional Board's Executive Officer shall be notified of the results of said work.

27. The Regional Board and the Director of the County Environmental Health Department shall be notified immediately of any failure of the wastewater containment facilities. Such failure shall be promptly corrected in accordance with the requirements of this Board Order.
28. This Board Order does not convey any property rights of any sort or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations.

I, Philip A. Gruenberg, Executive Officer, do hereby certify the foregoing is a full, true and correct copy of an Order adopted by the California Regional Water Quality Control Board, Colorado River Basin Region, on June 26, 2002.


Executive Officer

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION**

MONITORING AND REPORTING PROGRAM NO. R7-2002-0007
FOR

UNITED STATES DEPARTMENT OF THE INTERIOR,
BUREAU OF LAND MANAGEMENT, OWNER/OPERATOR
SENATOR WASH RECREATION AREA
SEPTIC TANK/OXIDATION-EVAPORATION BASIN DISPOSAL FACILITIES
Northwest of Imperial Dam - Imperial County

Location of Discharge: NE ¼, SW ¼ of Section 6, T15S, R24E, SBB&M

MONITORING

1. The collection, preservation and holding times of all samples shall be in accordance with United States Environmental Protection Agency (USEPA) approved procedures. Unless otherwise approved by the Regional Board's Executive Officer, all analyses shall be conducted by a laboratory certified for such analyses by the State Department of Health Services. Also, all analyses shall be conducted in accordance with the latest edition of "Guidelines Establishing Test Procedures for Analysis of Pollutants" (40 CFR 136), promulgated by the USEPA.
2. The discharger shall submit an annual status report on the following:
 - a. Estimate of maximum daily flow (GPD) of sewage discharged to basin(s).
 - b. List any proposed changes in the sewage disposal facilities during the upcoming year.
 - c. Explain any problems in the sewage treatment and disposal system during the preceding year.
 - d. Report the Total Dissolved Solids concentration(s) of the water supply well(s) nearest to the facility.
3. One of the evaporation basins shall be sampled (if wastewater is contained therein) annually during November each year. The samples shall be analyzed for the following:

<u>Constituent</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
Total Dissolved Solids	mg/L ¹	Grab	Annually
Volatile Organics	µg/L ²	Grab	Annually
Nitrate as NO ₃ -N	mg/L	Grab	Annually
Total Nitrogen	mg/L	Grab	Annually
Hydrogen Ion	pH	Grab	Annually

¹ mg/L - milligrams-per-Liter

² µg/L - microgram-per-Liter

REPORTING

1. The discharger shall arrange the data in tabular form so that the specified information is readily discernible. The data shall be summarized in such a manner as to clearly illustrate whether the facility is operating in compliance with waste discharge requirements.
2. Records of monitoring information shall include:
 - a. The date, exact place, and time of sampling or measurement(s);
 - b. The individual(s) who performed the sampling or measurement(s);
 - c. The date(s) analyses were performed;
 - d. The individual(s) who performed the analyses;
 - e. The analytical techniques or methods used; and
 - f. The results of such analyses.
3. The results of any analysis of samples taken more frequently than required at the locations specified in this Monitoring and Reporting Program shall be reported to the Regional Board.
4. Monitoring reports shall be certified under penalty of perjury to be true and correct, and shall contain the required information at the frequency designated in this monitoring report. Each report shall contain the following statement:

"I declare under the penalty of law that I personally examined and am familiar with the information submitted in this document, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of a fine and imprisonment for knowing violations."
5. A duly authorized representative of the discharger may sign the documents if:
 - a. The authorization is made in writing by the person described above; and
 - b. The authorization specified an individual or person having the responsibility for the overall operation of the regulated disposal system; and
 - c. The written authorization is submitted to the Regional Board's Executive Officer.
6. Report immediately any failure in the sewerage system to the Regional Board Office and Director of County Environmental Health by telephone with follow-up by letter.
7. Annual monitoring reports shall be submitted by January 15 each year to:

California Regional Water Quality Control Board
Colorado River Basin Region
73-720 Fred Waring, Drive, Suite 100
Palm Desert, CA 92260

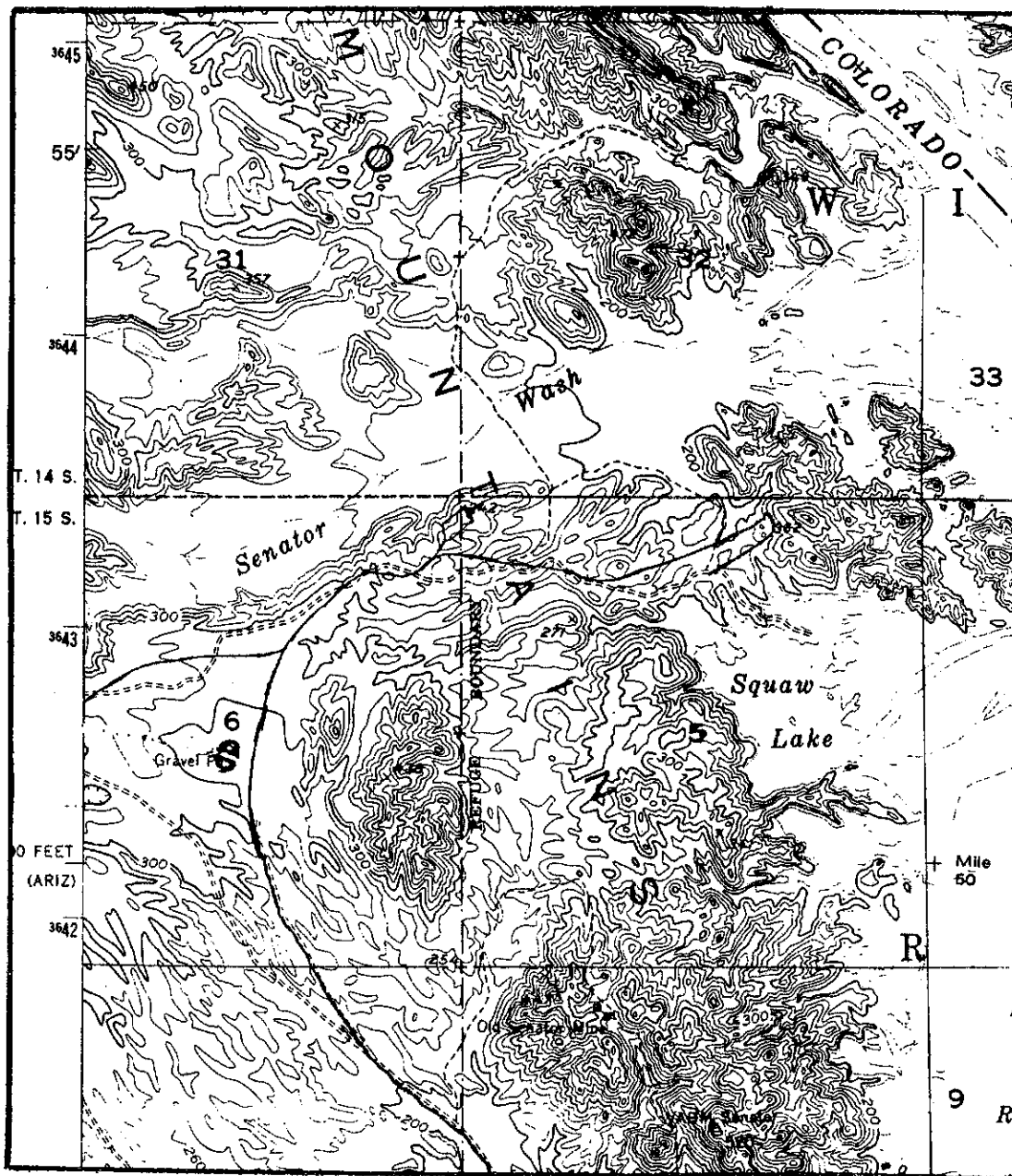
Ordered by: _____

Philip A. Givens
Executive Officer

6-26-02

Date

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

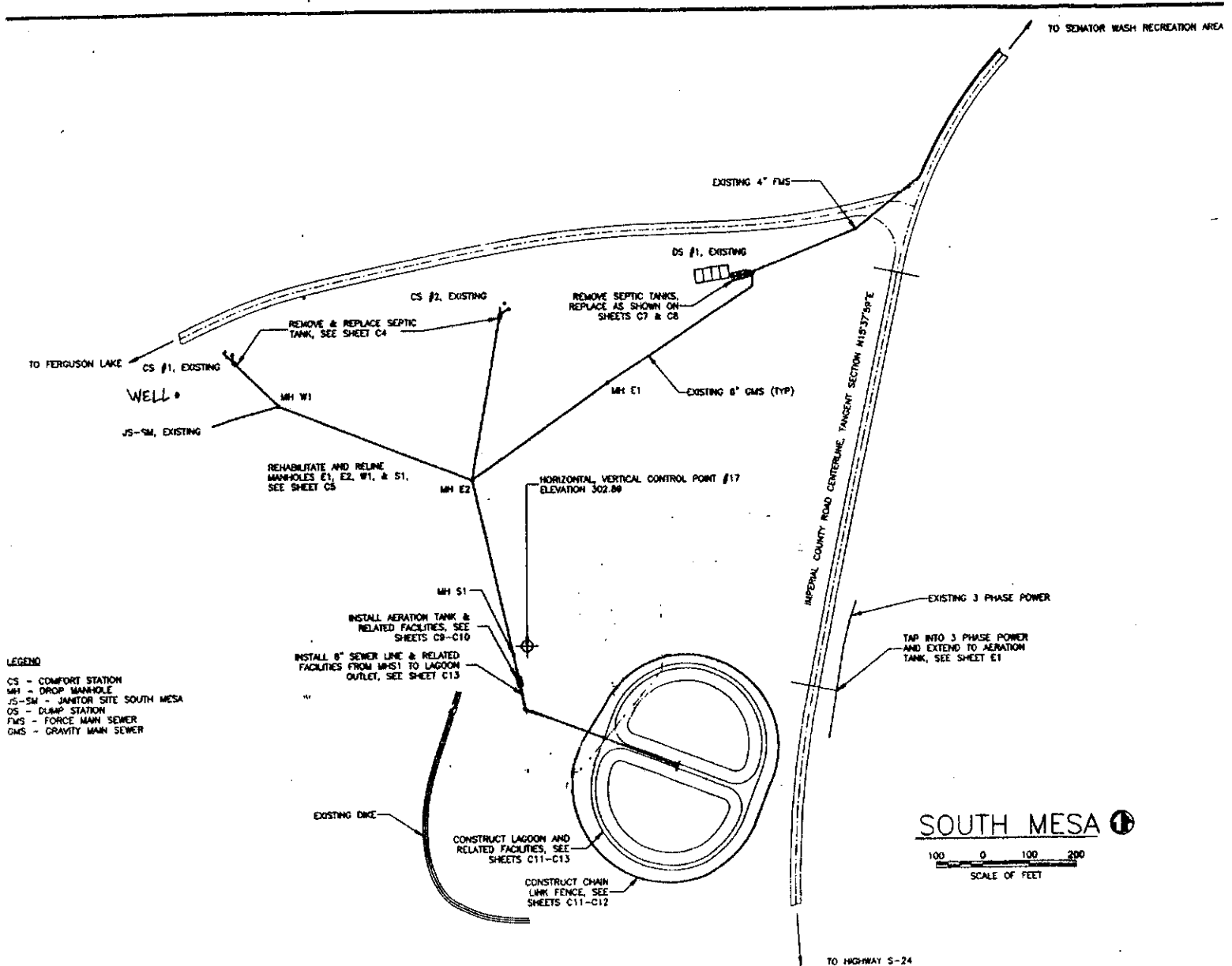


SITE MAP

UNITED STATES DEPARTMENT OF THE INTERIOR,
BUREAU OF LAND MANAGEMENT, OWNER/OPERATOR
SENATOR WASH RECREATION AREA
SEPTIC TANK/OXIDATION-EVAPORATION BASIN DISPOSAL FACILITIES
Northwest of Imperial Dam - Imperial County

NE ¼, SW ¼ of Section 6, T15S, R24E, SBB&M
USGS Imperial Reservoir, AZ-CA 7.5 min. Topo Map

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION**



ATTACHMENT A

UNITED STATES DEPARTMENT OF THE INTERIOR,
BUREAU OF LAND MANAGEMENT, OWNER/OPERATOR
SENATOR WASH RECREATION AREA
SEPTIC TANK/OXIDATION-EVAPORATION BASIN DISPOSAL FACILITIES
Northwest of Imperial Dam - Imperial County

NE ¼, SW ¼ of Section 6, T15S, R24E, SBB&M
USGS Imperial Reservoir, AZ-CA 7.5 min. Topo Map